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State of Utah

DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining


MICHAEL R. STYLER
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Division Director

Inspection Report

Minerals Regulatory Program

May 11, 2011

Reviewed: 

Mine Name: Little Creek Picture Sandstone	Permit Number: M/053/0038
Operator Name: Thirsty Stone Resources	Inspection Date: May 3, 2011
Inspector(s): Lynn Kunzler, DOGM; Russell Schreiner, BLM	Time: 10:00 am
Other Participants: Carl White, Ryce Foster	Mine Status: Active

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

Inspect reclaimed waste rock pile for reclamation success.

Inspection Summary:

There was no activity going on at the time of this inspection. At the request of the operator, the waste rock dump area (approximately 1.5 acres in size) had been regraded and seeded in 2008. Grading work reduced the angle of repose slopes to approximately 2.5v:1h, with some portions slightly flatter. Grading to a flatter slope was limited by Little Creek on the West and an un-named drainage to the east. A permanent diverse vegetation cover has been established on the dump, with common species including intermediate wheatgrass, Indian ricegrass, crested wheatgrass, penstemon, mountain big sagebrush. Ground cover was estimated to be approximately 25%, which is equivalent to the surrounding vegetation cover of 26%. The waste dump was stable with no signs of gullyng. This area was also free from debris and garbage. The crossing of the un-named drainage has been removed to allow un-impeded passage of any flows. This site meets the reclamation standards. The operator requested this site be released along with the \$1,200 in surety for this area.

With regards to the rest of the site, the area is secured by fencing and a locked gate. The area appeared stable, with no safety concerns at this time. There were two small oil drums that will be moved to a containment structure to prevent contamination from any spills.

Photos were taken to document site conditions.

Conclusions and Recommendations:

It is recommended that the waste rock dump area be fully released at this time.

Inspector's Signature

cc: Carl White, Thirstystone (cwhite@thirstystone.com)

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